

December-17-13. 9:23:50 AM

Page 1

Packaging	Weight	Volume	Cost	Material	Recycling	Carbon Footprint	Energy Use	Waste	Compliance	Customer Appeal	Supplier Reliability	Lead Time	Flexibility	Scalability	Regulatory Changes	Market Trends	Competitor Analysis	Customer Feedback	Supplier Feedback	Logistics Efficiency	Inventory Management	Production Efficiency	Quality Control	Customer Satisfaction	Supplier Satisfaction	Logistics Satisfaction	Production Satisfaction	Quality Satisfaction	Customer Retention	Supplier Retention	Logistics Retention	Production Retention	Quality Retention	Customer Loyalty	Supplier Loyalty	Logistics Loyalty	Production Loyalty	Quality Loyalty	Customer Engagement	Supplier Engagement	Logistics Engagement	Production Engagement	Quality Engagement	Customer Retention Rate	Supplier Retention Rate	Logistics Retention Rate	Production Retention Rate	Quality Retention Rate	Customer Engagement Rate	Supplier Engagement Rate	Logistics Engagement Rate	Production Engagement Rate	Quality Engagement Rate	Customer Retention Score	Supplier Retention Score	Logistics Retention Score	Production Retention Score	Quality Retention Score	Customer Engagement Score	Supplier Engagement Score	Logistics Engagement Score	Production Engagement Score	Quality Engagement Score	Customer Retention Index	Supplier Retention Index	Logistics Retention Index	Production Retention Index	Quality Retention Index	Customer Engagement Index	Supplier Engagement Index	Logistics Engagement Index	Production Engagement Index	Quality Engagement Index	Customer Retention Metric	Supplier Retention Metric	Logistics Retention Metric	Production Retention Metric	Quality Retention Metric	Customer Engagement Metric	Supplier Engagement Metric	Logistics Engagement Metric	Production Engagement Metric	Quality Engagement Metric	Customer Retention Factor	Supplier Retention Factor	Logistics Retention Factor	Production Retention Factor	Quality Retention Factor	Customer Engagement Factor	Supplier Engagement Factor	Logistics Engagement Factor	Production Engagement Factor	Quality Engagement Factor	Customer Retention Driver	Supplier Retention Driver	Logistics Retention Driver	Production Retention Driver	Quality Retention Driver	Customer Engagement Driver	Supplier Engagement Driver	Logistics Engagement Driver	Production Engagement Driver	Quality Engagement Driver	Customer Retention Challenge	Supplier Retention Challenge	Logistics Retention Challenge	Production Retention Challenge	Quality Retention Challenge	Customer Engagement Challenge	Supplier Engagement Challenge	Logistics Engagement Challenge	Production Engagement Challenge	Quality Engagement Challenge	Customer Retention Opportunity	Supplier Retention Opportunity	Logistics Retention Opportunity	Production Retention Opportunity	Quality Retention Opportunity	Customer Engagement Opportunity	Supplier Engagement Opportunity	Logistics Engagement Opportunity	Production Engagement Opportunity	Quality Engagement Opportunity	Customer Retention Risk	Supplier Retention Risk	Logistics Retention Risk	Production Retention Risk	Quality Retention Risk	Customer Engagement Risk	Supplier Engagement Risk	Logistics Engagement Risk	Production Engagement Risk	Quality Engagement Risk	Customer Retention Benefit	Supplier Retention Benefit	Logistics Retention Benefit	Production Retention Benefit	Quality Retention Benefit	Customer Engagement Benefit	Supplier Engagement Benefit	Logistics Engagement Benefit	Production Engagement Benefit	Quality Engagement Benefit	Customer Retention Impact	Supplier Retention Impact	Logistics Retention Impact	Production Retention Impact	Quality Retention Impact	Customer Engagement Impact	Supplier Engagement Impact	Logistics Engagement Impact	Production Engagement Impact	Quality Engagement Impact	Customer Retention Strategy	Supplier Retention Strategy	Logistics Retention Strategy	Production Retention Strategy	Quality Retention Strategy	Customer Engagement Strategy	Supplier Engagement Strategy	Logistics Engagement Strategy	Production Engagement Strategy	Quality Engagement Strategy	Customer Retention Initiative	Supplier Retention Initiative	Logistics Retention Initiative	Production Retention Initiative	Quality Retention Initiative	Customer Engagement Initiative	Supplier Engagement Initiative	Logistics Engagement Initiative	Production Engagement Initiative	Quality Engagement Initiative	Customer Retention Program	Supplier Retention Program	Logistics Retention Program	Production Retention Program	Quality Retention Program	Customer Engagement Program	Supplier Engagement Program	Logistics Engagement Program	Production Engagement Program	Quality Engagement Program	Customer Retention Policy	Supplier Retention Policy	Logistics Retention Policy	Production Retention Policy	Quality Retention Policy	Customer Engagement Policy	Supplier Engagement Policy	Logistics Engagement Policy	Production Engagement Policy	Quality Engagement Policy	Customer Retention Procedure	Supplier Retention Procedure	Logistics Retention Procedure	Production Retention Procedure	Quality Retention Procedure	Customer Engagement Procedure	Supplier Engagement Procedure	Logistics Engagement Procedure	Production Engagement Procedure	Quality Engagement Procedure	Customer Retention Process	Supplier Retention Process	Logistics Retention Process	Production Retention Process	Quality Retention Process	Customer Engagement Process	Supplier Engagement Process	Logistics Engagement Process	Production Engagement Process	Quality Engagement Process	Customer Retention System	Supplier Retention System	Logistics Retention System	Production Retention System	Quality Retention System	Customer Engagement System	Supplier Engagement System	Logistics Engagement System	Production Engagement System	Quality Engagement System	Customer Retention Framework	Supplier Retention Framework	Logistics Retention Framework	Production Retention Framework	Quality Retention Framework	Customer Engagement Framework	Supplier Engagement Framework	Logistics Engagement Framework	Production Engagement Framework	Quality Engagement Framework	Customer Retention Model	Supplier Retention Model	Logistics Retention Model	Production Retention Model	Quality Retention Model	Customer Engagement Model	Supplier Engagement Model	Logistics Engagement Model	Production Engagement Model	Quality Engagement Model	Customer Retention Approach	Supplier Retention Approach	Logistics Retention Approach	Production Retention Approach	Quality Retention Approach	Customer Engagement Approach	Supplier Engagement Approach	Logistics Engagement Approach	Production Engagement Approach	Quality Engagement Approach	Customer Retention Method	Supplier Retention Method	Logistics Retention Method	Production Retention Method	Quality Retention Method	Customer Engagement Method	Supplier Engagement Method	Logistics Engagement Method	Production Engagement Method	Quality Engagement Method	Customer Retention Tool	Supplier Retention Tool	Logistics Retention Tool	Production Retention Tool	Quality Retention Tool	Customer Engagement Tool	Supplier Engagement Tool	Logistics Engagement Tool	Production Engagement Tool	Quality Engagement Tool	Customer Retention Technology	Supplier Retention Technology	Logistics Retention Technology	Production Retention Technology	Quality Retention Technology	Customer Engagement Technology	Supplier Engagement Technology	Logistics Engagement Technology	Production Engagement Technology	Quality Engagement Technology	Customer Retention Innovation	Supplier Retention Innovation	Logistics Retention Innovation	Production Retention Innovation	Quality Retention Innovation	Customer Engagement Innovation	Supplier Engagement Innovation	Logistics Engagement Innovation	Production Engagement Innovation	Quality Engagement Innovation	Customer Retention Research	Supplier Retention Research	Logistics Retention Research	Production Retention Research	Quality Retention Research	Customer Engagement Research	Supplier Engagement Research	Logistics Engagement Research	Production Engagement Research	Quality Engagement Research	Customer Retention Development	Supplier Retention Development	Logistics Retention Development	Production Retention Development	Quality Retention Development	Customer Engagement Development	Supplier Engagement Development	Logistics Engagement Development	Production Engagement Development	Quality Engagement Development	Customer Retention Implementation	Supplier Retention Implementation	Logistics Retention Implementation	Production Retention Implementation	Quality Retention Implementation	Customer Engagement Implementation	Supplier Engagement Implementation	Logistics Engagement Implementation	Production Engagement Implementation	Quality Engagement Implementation	Customer Retention Evaluation	Supplier Retention Evaluation	Logistics Retention Evaluation	Production Retention Evaluation	Quality Retention Evaluation	Customer Engagement Evaluation	Supplier Engagement Evaluation	Logistics Engagement Evaluation	Production Engagement Evaluation	Quality Engagement Evaluation	Customer Retention Monitoring	Supplier Retention Monitoring	Logistics Retention Monitoring	Production Retention Monitoring	Quality Retention Monitoring	Customer Engagement Monitoring	Supplier Engagement Monitoring	Logistics Engagement Monitoring	Production Engagement Monitoring	Quality Engagement Monitoring	Customer Retention Reporting	Supplier Retention Reporting	Logistics Retention Reporting	Production Retention Reporting	Quality Retention Reporting	Customer Engagement Reporting	Supplier Engagement Reporting	Logistics Engagement Reporting	Production Engagement Reporting	Quality Engagement Reporting	Customer Retention Analysis	Supplier Retention Analysis	Logistics Retention Analysis	Production Retention Analysis	Quality Retention Analysis	Customer Engagement Analysis	Supplier Engagement Analysis	Logistics Engagement Analysis	Production Engagement Analysis	Quality Engagement Analysis	Customer Retention Optimization	Supplier Retention Optimization	Logistics Retention Optimization	Production Retention Optimization	Quality Retention Optimization	Customer Engagement Optimization	Supplier Engagement Optimization	Logistics Engagement Optimization	Production Engagement Optimization	Quality Engagement Optimization	Customer Retention Improvement	Supplier Retention Improvement	Logistics Retention Improvement	Production Retention Improvement	Quality Retention Improvement	Customer Engagement Improvement	Supplier Engagement Improvement	Logistics Engagement Improvement	Production Engagement Improvement	Quality Engagement Improvement	Customer Retention Enhancement	Supplier Retention Enhancement	Logistics Retention Enhancement	Production Retention Enhancement	Quality Retention Enhancement	Customer Engagement Enhancement	Supplier Engagement Enhancement	Logistics Engagement Enhancement	Production Engagement Enhancement	Quality Engagement Enhancement	Customer Retention Upgrade	Supplier Retention Upgrade	Logistics Retention Upgrade	Production Retention Upgrade	Quality Retention Upgrade	Customer Engagement Upgrade	Supplier Engagement Upgrade	Logistics Engagement Upgrade	Production Engagement Upgrade	Quality Engagement Upgrade	Customer Retention Transformation	Supplier Retention Transformation	Logistics Retention Transformation	Production Retention Transformation	Quality Retention Transformation	Customer Engagement Transformation	Supplier Engagement Transformation	Logistics Engagement Transformation	Production Engagement Transformation	Quality Engagement Transformation	Customer Retention Revolution	Supplier Retention Revolution	Logistics Retention Revolution	Production Retention Revolution	Quality Retention Revolution	Customer Engagement Revolution	Supplier Engagement Revolution	Logistics Engagement Revolution	Production Engagement Revolution	Quality Engagement Revolution	Customer Retention Evolution	Supplier Retention Evolution	Logistics Retention Evolution
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 110343

December-17-13 9:23:50 AM

110343

Page 2

Item ID: D2013-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Mirror Bracket LH, 205

Start Date: 12/17/13 Start Qty: 4.00

4

Cust Item ID:

Required Date: 12/17/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

14/11/17

MF

14-11-14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

December-17-13 9:23:50 AM

Page 1

Work Order ID: 110343

Parent Item: D2013-1

Parent Item Name: Mirror Bracket LH, 205

Start Date: 12/17/13

Required Date: 12/17/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 05-11-01 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued DAS	Status
M304TR0.750W.049		Purchased	No			100	f	185.0332	1.9473	8.199158		30	
												9-89	
304 RD Tube .750 x .049W												14/09/03	

Location

Loc Qty

Loc Code

MAT017

185.0332286

122312

9.4842106

124768

53.81245

M126183

119.120001

M126349

2.616567

M129363

8.5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

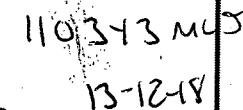
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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KE 99.06.10



DRILL Ø0.257 (TYP) —
0.400 (TYP)



MATERIAL: AISI 304/316 SS SEAMLESS TUBE,
0.750 OD x 0.049 WALL

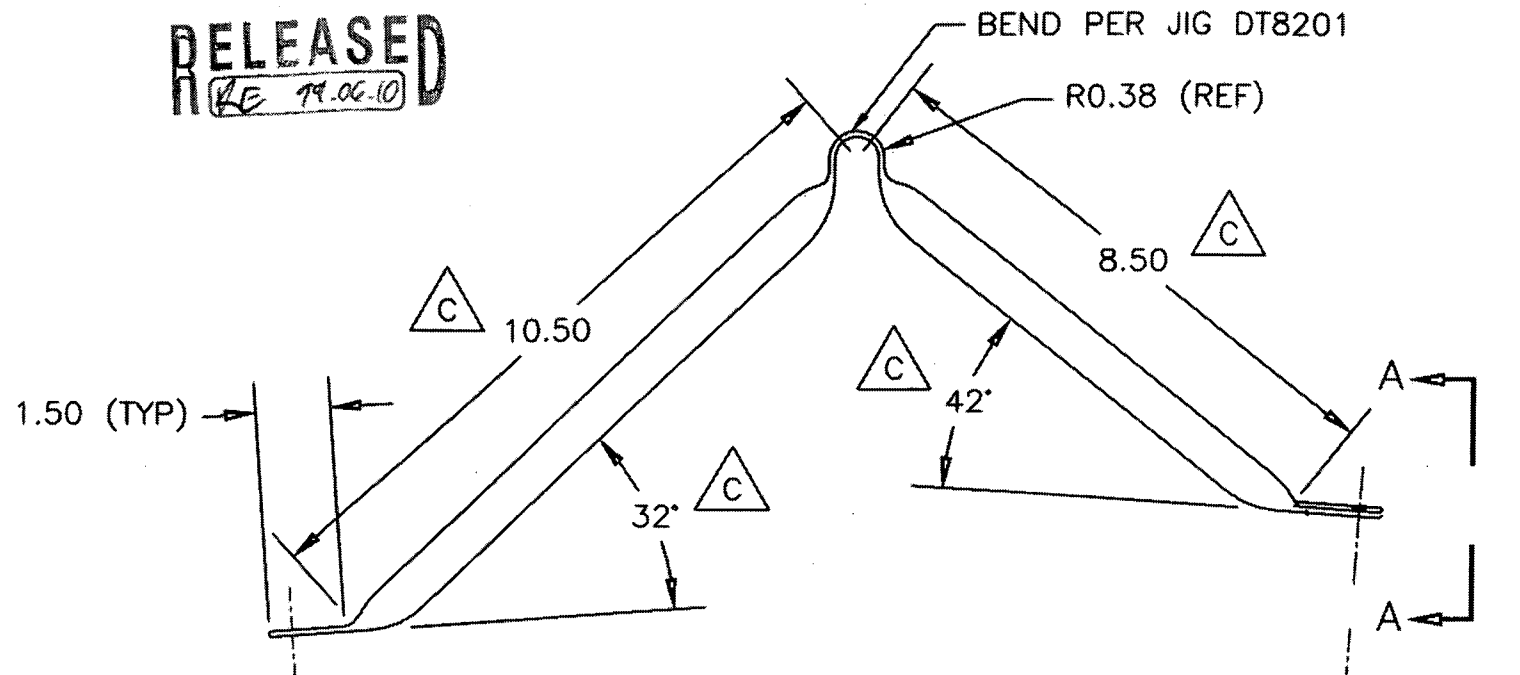
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A	90.10.22	NEW ISSUE			
B	94.06.15	REDRAWN			
C	99.06.07	REDRAWN, CHANGE OF DIMENSIONS			

Copyright 1990 by DART AEROSPACE LTD

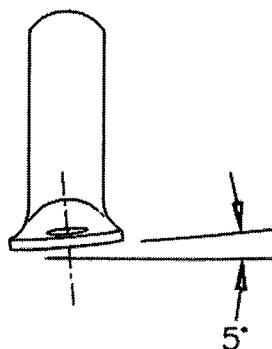
RELEASED
KE 79.06.10

DART

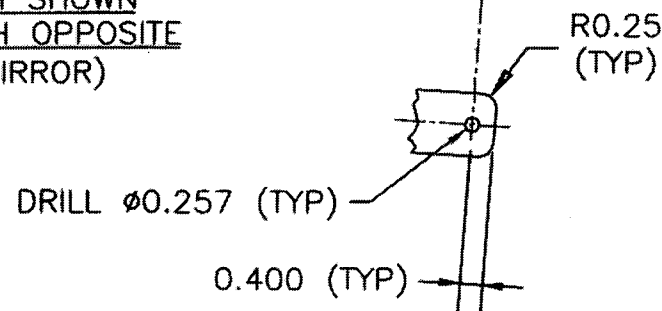
QA CONTROL



D2013-3 LH SHOWN
D2013-4 RH OPPOSITE
(FOR 212 MIRROR)



VIEW A-A



CUT LENGTH: 23.25 INCHES

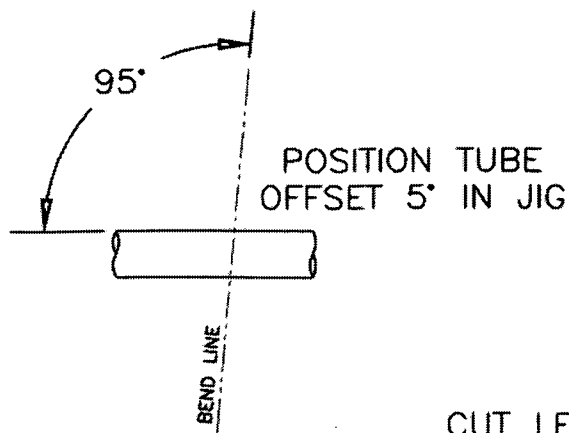
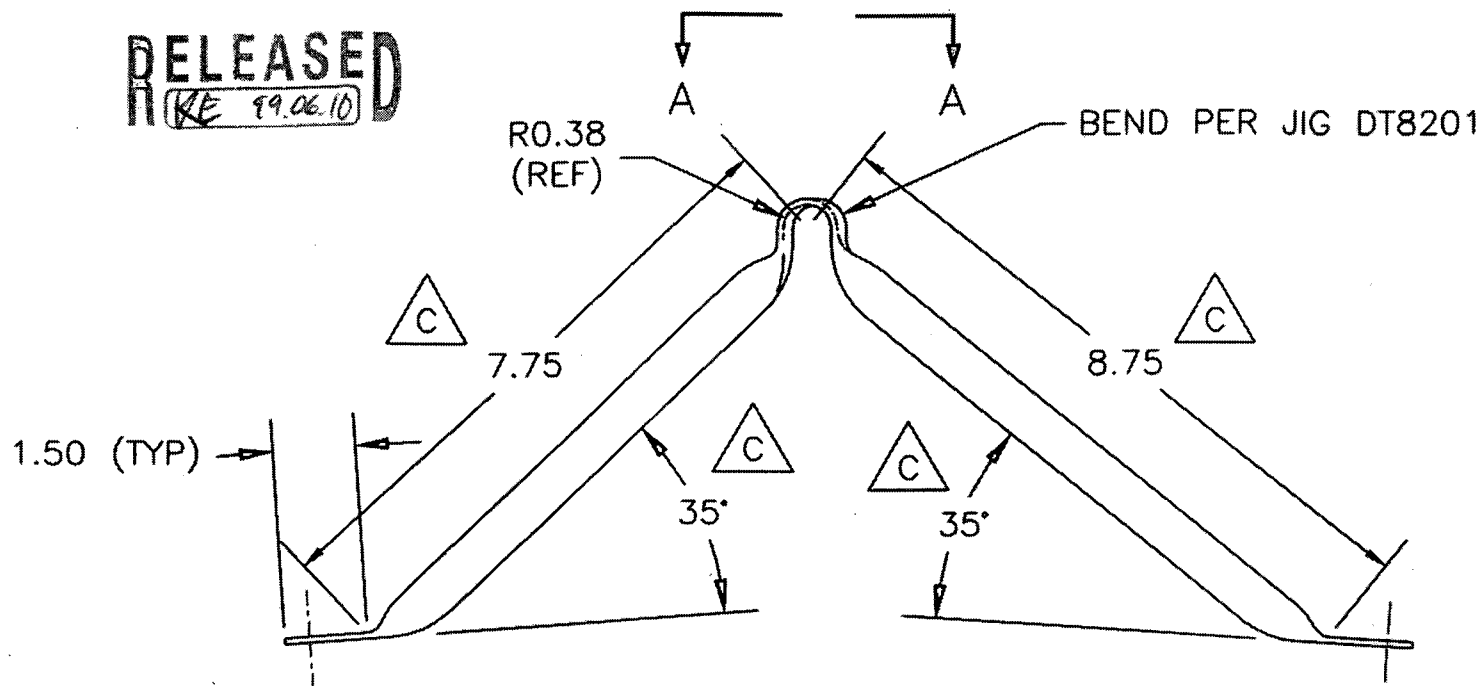
MATERIAL: AISI 304/316 SS SEAMLESS TUBE,
0.750 O.D. x 0.049 WALL

DESIGN	JB	DRAWN BY	RF	DART AEROSPACE LTD
CHECKED	KE	APPROVED	[Signature]	HAMKESBURY, ONTARIO, CANADA
DATE	99.06.07	DRAWING NO.	D2013	REV. C
		TITLE	MIRROR BRACKET	SHEET 2 OF 3
				SCALE
				NTS

RELEASED
 KE 99.06.10

DART

QA COPY ISSUED

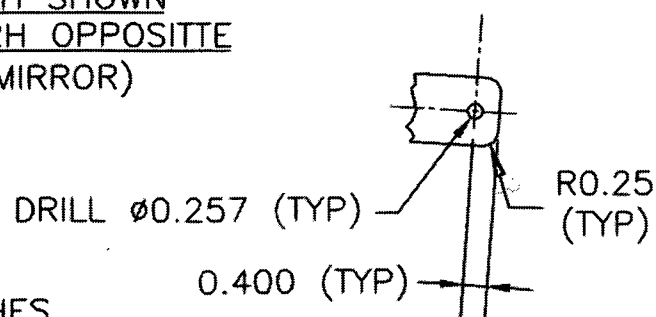


VIEW A-A

D2013-5 LH SHOWN
 D2013-6 RH OPPOSITE
 (FOR 204 MIRROR)

CUT LENGTH: 20.75 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,
 0.750 O.D. x 0.049 WALL



DESIGN	JB	DRAWN BY	KE	DART AEROSPACE LTD HAMKESBURT, ONTARIO, CANADA
CHECKED	KE	APPROVED	KE	
DATE	99.06.07			
TITLE	D2013	DRAWING NO.		REV. C
MIRROR BRACKET				SHEET 3 OF 3
				SCALE
				NTS

